

# Lakeside Chiropractic Seminars, Inc.

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## Essential Neurology for the Practicing Chiropractor: The Essentials of Neurologic Examination and Diagnosis

CE Hours: 12

This seminar is designed to supply the practicing DC a review of the anatomy and physiology of the human nervous system, as well as demonstrate how to examine, diagnosis and treat Neurologic conditions commonly seen in the Chiropractic profession. This program includes video clips of patients that show how to do an exam, and also demonstrate normal and abnormal findings, as well as present different conditions found in patients. This information is all presented in a case based format. Actual cases are presented to the attendees, and the appropriate anatomy, examination and diagnostic tools are reviewed. Included are indications/findings of CT/MRI/MRA/EMG/NCV and more.

The format for this seminar is as follows:

- I. Neurons and their Environment
  - a. Electrophysiology of the human nervous system
  - b. Effects of chiropractic
  - c. Drug effects, and other effects on the nervous system
- II. Organization of the Nervous System
  - a. Central vs. Peripheral Nervous System
  - b. Clinical effects of anatomic relationships
  - c. Cerebral, cerebellar, brainstem anatomy
  - d. Spinal cord anatomy
  - e. Lower Motor Neurons
  - f. Spinal Cord and Spinal Nerves
  - g. Cranial Nerves
- III. Motor Systems in the Human
  - a. Lower motor neuronal systems
  - b. Upper motor neuronal systems
  - c. Basal ganglia systems
  - d. Cerebellar systems
  - e. Brainstem and Vestibular motor systems
  - f. Oculomotor systems
- IV. Sensory Systems
- V. Vascular system
  - a. Stroke
  - b. Normal hemodynamics
- VI. Cerebrospinal Fluid systems